

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Assistant Commissioner for Patents
United States Patent and Trademark
Office
Box PCT
Washington, D.C. 20231
ÉTATS-UNIS D'AMÉRIQUE

in its capacity as elected Office

Date of mailing (day/month/year) 25 November 1999 (25.11.99)	
International application No. PCT/US98/08127	Applicant's or agent's file reference CM1715F/JH
International filing date (day/month/year) 27 April 1998 (27.04.98)	Priority date (day/month/year)
Applicant HUBESCH, Bruno, Albert, Jean et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:

25 October 1999 (25.10.99)

☐ in a notice effecting later election filed with the International Bureau on:

2. The election
- ☒
- was

☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

F. Baechler

Telephone No.: (41-22) 338.83.38

PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference CM1715F/JH		See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)
FOR FURTHER ACTION		
International application No. PCT/US98/08127	International filing date (day/month/year) 27/04/1998	Priority date (day/month/year)
International Patent Classification (IPC) or national classification and IPC D06M13/148		
Applicant THE PROCTER & GAMBLE COMPANY et al.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.



2. This REPORT consists of a total of 9 sheets, including this cover sheet.

- ☐ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☒ Certain defects in the international application
- VIII ☒ Certain observations on the international application

Date of submission of the demand 25/10/1999	Date of completion of this report 21.07.2000
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465	Authorized officer Santavicca, G Telephone No. +49 89 2399 8632 

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/US98/08127

I. Basis of the report

1. This report has been drawn on the basis of (*substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.*):

Description, pages:

1-57 as originally filed

Claims, No.:

1-21 as originally filed

2. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
☐ the claims, Nos.:
☐ the drawings, sheets:

3. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

4. Additional observations, if necessary:

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes:	Claims	2-21
	No:	Claims	1
Inventive step (IS)	Yes:	Claims	
	No:	Claims	1-21
Industrial applicability (IA)	Yes:	Claims	1-21
	No:	Claims	

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EXAMINATION REPORT**

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2. Citations and explanations

see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

see separate sheet

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

see separate sheet

Re Item V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Before assessing the novelty and the inventiveness of the claimed subject-matter, it is necessary to consider the wording of claim 1 - Art. 6 PCT as to clarity and interpretation of claims.
 - 1.1 Claim 1 concerns any composition suitable for reducing to any extent any wrinkle, whereby the said any composition comprises (ie includes the components as defined in the body of the claim, without excluding that other components are present):
 - A. Any active suitable for reducing to any degree any wrinkle, comprising (idem) any amount (ie even beyond the limits as given on page 12, line 2) of any nonionic polyhydric alcohol humectant (eg low, medium or high molecular weight alcohol with at least two hydroxyl groups) and any amount of any water-soluble wetting agent selected from any cationic surfactant, any non-alkoxylated nonionic surfactant and any anionic surfactant; and,
 - B. Any amount (even well below 80 or 50%, see page 5, last paragraph) of any liquid aqueous carrier (ie with any amount of water, see page 12, line 18).
 - 1.2 According to claim 1 only the carrier is liquid and aqueous, hence the composition as such is not necessarily liquid.
 - 1.3 Contrarily to the definition in claim 1, the non-alkoxylated nonionic surfactant actually may be alkoxylated, at least for the derivatives, according to the description, see page 8, lines 20-21.
- 2.1 It is immediately apparent that the breadth of claim 1 is such to cover embodiments which do not contain all of the essential features as specified in the description of the application under examination, namely:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/US98/08127

- i. 0.01 to 10% by weight of the composition of polyols having a molecular weight below 1000, see page 12, line 2, as well as claim 7;
 - ii. 0.01 to 10% by weight of the wetting agent, see page 10, line 28, as well as claim 5;
 - iii. The liquid aqueous carrier comprises from 50 to 95% by weight of the composition, see page 12, line 20, as well as claim 8.
- 2.2 Regarding the extent of reduction of the wrinkles, it is neither disclosed as such, nor exemplified either, see the examples which merely show the compositions.
- 2.3 In summary, it is apparent that claim 1 does not include all of the essential features of the alleged invention, i.e. the compositional ranges which are necessary to solve the technical problem of the alleged invention, or which are necessary to achieve the advantages used in the description to justify the presence of an inventive step. Hence, the requirements of Art. 6 PCT as to support by the description are not met.
- 2.4 Any question of support taken apart, if claim 1 does not contain all of the essential features of the alleged invention, it thus encompasses embodiments of the (alleged) invention which are not suitable for achieving the object or the advantages of the (alleged) invention as described. In other words, there is a lack of support for the presence of an inventive step "a priori", i.e. before considering the relevance of the prior art (Art. 33(3) PCT).
- 2.5 Moreover, by appraising the information contained in the entire specification in the light of the skilled person's common general knowledge at the date of the application, it results that the present application does not contain sufficient information to allow a person skilled in the art, using his common general knowledge, to carry out the alleged invention **without undue burden within substantially the whole scope** of claim 1.
3. If claim 1 was clear and supported, the following opinion would be given on novelty and inventive step:

3.1 Pertinence of the available art

D1 (US-A-5 573 695) discloses a wrinkle-removing composition comprising a liquid aqueous carrier, a vegetable oil based quaternary ammonium surfactant and a further surfactant component, eg selected from fluorinated surfactants comprising telomer B monoether with polyethylene glycol, ethylene glycol and water (see claim 11), or even potassium fluoroalkyl carboxylate (see claim 8).

D2 (US-A-5 100 566) discloses a composition and the relevant use thereof for reducing wrinkles in fabrics, the composition comprises an aqueous alcoholic solution or mixture of an anionic siliconate with glycerin.

D3 (US-A-3 674 688) discloses a solution for removing wrinkles from porous textiles fabric materials, the solution consisting essentially of water, alcohol and a quaternary ammonium salt surfactants.

D4 (US-A-3 600 325) discloses a de-wrinkler comprising an aerosol spray composition consisting of about 50 wt% water, 30 wt% isopropyl alcohol and 20 wt% isobutane.

D5 (GB-A-1 542 456) (see example II) discloses a de-wrinkler composition containing the following ingredients: sodium carbonate, tetraethylene glycol, decyl ether, water.

D6 (EP-A-0 292 909) discloses an aqueous composition for removing wrinkles from a fabric comprising: one or more of ethyl, propyl and isopropyl alcohols; glycerine; a nonionic surfactant such as ethoxylates; water as a balance.

D7 (EP-A-0 190 839) discloses a composition for removing wrinkles from fabrics, the composition comprises the ingredients of D3.

D8 (WO-A-96/15310) (see claim 1) discloses a wrinkle reducing composition comprising: a wrinkle reducing active selected from silicone, film-forming polymer (see claim 6) and mixtures thereof; a liquid aqueous carrier.

D9 (US-A-3 436 772) (see claim 4) discloses a de-wrinkler spray composition comprising isopropyl alcohol, propylene glycol and water.

D10 (XP 002089278) discloses a spray de-wrinkler comprises a composition consisting of nonionic surfactant, silicone oil, cationic surfactant, lower alcohol and water, dimethyl ether. Neither a polyhydric alcohol humectant, nor a salt are defined in D10.

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D11 (XP 002089279) discloses an agent for smooth ironing of clothes comprising a sizing agent of a water-soluble polymer, a block copolymer, water.

D12 (XP 002089312) discloses a de-wrinkling agent comprising water, alcohol, glycerin diacetate as wrinkle softener, ammonium chloride dimethyl distearate as softener.

D13 (XP 002089335) discloses a crease remover composition containing water, lower alcohol and surfactant (polyoxyethylene nonylphenol ether).

D14 (XP 002089336) discloses an air sol type fibre wrinkle remover comprising: an aqueous alcohol solution mixed with eg surfactants such as n-alkyl m-methyl ammonium salts or betaines.

3.2 Conclusions

- i. The composition of claim 1 lacks novelty under Art. 33(2) PCT over the composition of D2, which discloses a composition and the relevant use thereof for reducing wrinkles in fabrics, the composition comprises an aqueous alcoholic solution or mixture of an anionic siliconate with glycerin.
- ii. D6 is also considered as a closest prior art, in so far it discloses an aqueous composition for removing wrinkles from a fabric comprising: one or more of ethyl, propyl and isopropyl alcohols; glycerine (essential component); a nonionic surfactant such as ethoxylates; water as a balance. Thus D6 discloses a wrinkle reducing composition with all of the components of the composition of claim 1 under examination but the presence of a non-alkoxylated nonionic component. In view of the interpretation of claim 1, in light of the description, see point 1.3 infra, the component actually is alkoxylated, the subject-matter of claim 1 lacks an inventive step at least over D6 under Art. 33(3) PCT.
- iii. The composition of claim 1 under examination was known, or at least obvious for the skilled person - Art. 33(2)(3) PCT.
- iv. The above objection applies to the additional features of claims 4-8, 10, 16-21.
- v. Regarding the further additional features of the remaining dependent claims, which appear to concern equivalent components of the composition, it is not apparent either, in absence of convincing arguments, that they actually involve any inventive step under Art. 33(3) PCT.

4. It is not at present apparent that or what part of the application could serve as a basis for new, allowable independent claims.
5. The attention of the applicants is drawn to the problem of double patenting with respect to parallel applications US98/08125 and US98/08129.

Re Item VII

Certain defects in the international application

0. The following objections/observations are merely for the sake of information, i.e. to be used before the EPO in case of regional, further examination procedure, if any.
1. The documents cited in the search report and reflecting the closest state of the art should be acknowledged in the description - Rule 5.1(a)(ii) PCT. The comment however should be purely factual - Art. 34.2(b) PCT.
2. The description should be brought into line with any new set of claims - Art. 6 PCT.
- 2.1 The description of the present application contains the expression "... incorporated ... herein" (see page 27, line 8; page 29, lines 24-25 and 31; page 39, lines 13-14; page 43, line 2; page 48, line 9; page 50, line 25; page 51, lines 3, 25 and 26; page 52, line 28). In other words, while describing the present invention, reference has been made to the content of an other document, which content however has not been included in the description of the present application. The examiner considers that this reference merely aims at indicating or acknowledging a relevant state of the art according to Rule 5.1(a)(ii) PCT.
Hence, a short comment of the corresponding document appears to be sufficient. The comment however should be purely factual - Art. 34.2(b) PCT. If it is not necessary to know the content of said documents to carry out the present invention, the expression " ... incorporated herein ..." should be cancelled.

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

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Should (part of) the content of said documents be necessary for carrying out the present invention, the applicant(s) must include in the description of the present application the necessary information taken from said documents, i.e. without contravening to the requirements of Art. 34.2(b) PCT. The description must contain all the essential features of the invention per se.

- 2.2 Throughout the application, see particularly page 50, line 10, the units of measure are not in compliance with the requirements of Rule 10 PCT.
3. To expedite any said further, regional examination before the EPO, if any, the applicant(s) should indicate the location in the application as originally filed of the passages forming a basis for the amendments - Art. 34.2(b) PCT.

Re Item VIII

Certain observations on the international application

1. Contrarily to the definition in claim 1, the non-alkoxylated nonionic surfactant actually may be alkoxylated, at least for the derivatives, according to the description, see page 8, lines 20-21. Please clarify, Art. 6 PCT.

Rec'd PCT/RO 27 APR 1998

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REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only	
PCT/US 08/08127	
International Application No.	
(27.04.98)	27 APR 1998
International Filing Date	
PCT INTERNATIONAL APPLICATION RO/US	
Name of receiving Office and "PCT International Application"	

Applicant's or agent's file reference - CM1715F/JH
(if desired) (12 characters maximum)

Box No. I	TITLE OF INVENTION		Wrinkle Reducing Composition	
Box No. II	APPLICANT			
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)		<input type="checkbox"/> This person is also inventor.		
THE PROCTER & GAMBLE COMPANY One Procter & Gamble Plaza Cincinnati, Ohio 45202 US		Telephone No. 513-627-7025 Facsimile No. 513-627-6333 Teleprinter No.		
State (i.e. country) of nationality: US		State (i.e. country) of residence: US		
This person is applicant for the purposes of:		<input type="checkbox"/> all designated States <input checked="" type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box		
Box No. III	FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)			
Name and address: (Family name followed by given name, for a legal entity, full official designation. The address must include postal code and name of country.)		This person is: <input type="checkbox"/> applicant only <input checked="" type="checkbox"/> applicant and inventor <input type="checkbox"/> inventor only (If this check-box is marked, do not fill in below.)		
HUBESCH, Bruno Albert Jean Van Vlasselaerstraat 16 B-3061 Leefdaal BE				
State (i.e. country) of nationality: BE		State (i.e. country) of residence: BE		
This person is applicant for the purposes of:		<input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input checked="" type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box		
<input checked="" type="checkbox"/> Further applicants and/or (further) inventors are indicated on a continuation sheet.				
Box No. IV	AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE			
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:		<input checked="" type="checkbox"/> agent <input type="checkbox"/> common representative		
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)		Telephone No. 513-627-7025 Facsimile No. 513-627-6333 Teleprinter No.		
REED, T. David/HUGHETT, Eileen L. The Procter & Gamble Company 5299 Spring Grove Avenue Cincinnati, Ohio 45217 US				
<input type="checkbox"/> Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent				

Continuation of Box No. III FURTHER APPLICANTS AND/OR (FURTHER) INVENTORS

If none of the following sub-boxes is used, this sheet is not to be included in the request.

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

THOEN, Christiaan Arthur Jacques Kamiel
8485 Rupp Farm Drive
West Chester, OH 45069
US

This person is:

- ☐ applicant only
☒ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:

BE

State (i.e. country) of residence:

US

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

VERMOTE, Christian Leo Marie
Hertooie 7
B-9052 Zwijnaarde
BE

This person is:

- ☐ applicant only
☒ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:

BE

State (i.e. country) of residence:

BE

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

WOO, Ricky Ah-Man
6940 Van Gordon Road
Hamilton, OH 45011
US

This person is:

- ☐ applicant only
☒ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:

US

State (i.e. country) of residence:

US

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

This person is:

- ☐ applicant only
☐ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:

State (i.e. country) of residence:

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

☐ Further applicants and/or (further) inventors are indicated on another continuation sheet

Box No.V DESIGNATION OF STATES

The following designations are hereby made under Rule 4.9(a) (mark the applicable check-boxes; at least one must be marked):

Regional Patent

- ☒ **AP ARIPO Patent:** GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, SD Sudan, SZ Swaziland, UG Uganda, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT
- ☒ **EA Eurasian Patent:** AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- ☒ **EP European Patent:** AT Austria, BE Belgium, CH and LI Switzerland and Liechtenstein, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, and any other State which is a Contracting State of the European Patent Convention and of the PCT
- ☒ **OA OAPI Patent:** BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line)

National Patent (if other kind of protection or treatment desired, specify on dotted line):

- | | |
|--|--|
| <input checked="" type="checkbox"/> AL Albania | <input checked="" type="checkbox"/> LT Lithuania |
| <input checked="" type="checkbox"/> AM Armenia | <input checked="" type="checkbox"/> LU Luxembourg |
| <input checked="" type="checkbox"/> AT Austria | <input checked="" type="checkbox"/> LV Latvia |
| <input checked="" type="checkbox"/> AU Australia | <input checked="" type="checkbox"/> MD Republic of Moldova |
| <input checked="" type="checkbox"/> AZ Azerbaijan | <input checked="" type="checkbox"/> MG Madagascar |
| <input checked="" type="checkbox"/> BA Bosnia and Herzegovina | <input checked="" type="checkbox"/> MK The former Yugoslav Republic of Macedonia |
| <input checked="" type="checkbox"/> BB Barbados | <input checked="" type="checkbox"/> MN Mongolia |
| <input checked="" type="checkbox"/> BG Bulgaria | <input checked="" type="checkbox"/> MW Malawi |
| <input checked="" type="checkbox"/> BR Brazil | <input checked="" type="checkbox"/> MX Mexico |
| <input checked="" type="checkbox"/> BY Belarus | <input checked="" type="checkbox"/> NO Norway |
| <input checked="" type="checkbox"/> CA Canada | <input checked="" type="checkbox"/> NZ New Zealand |
| <input checked="" type="checkbox"/> CH and LI Switzerland and Liechtenstein | <input checked="" type="checkbox"/> PL Poland |
| <input checked="" type="checkbox"/> CN China | <input checked="" type="checkbox"/> PT Portugal |
| <input checked="" type="checkbox"/> CU Cuba | <input checked="" type="checkbox"/> RO Romania |
| <input checked="" type="checkbox"/> CZ Czech Republic | <input checked="" type="checkbox"/> RU Russian Federation |
| <input checked="" type="checkbox"/> DE Germany | <input checked="" type="checkbox"/> SD Sudan |
| <input checked="" type="checkbox"/> DK Denmark | <input checked="" type="checkbox"/> SE Sweden |
| <input checked="" type="checkbox"/> EE Estonia | <input checked="" type="checkbox"/> SG Singapore |
| <input checked="" type="checkbox"/> ES Spain | <input checked="" type="checkbox"/> SI Slovenia |
| <input checked="" type="checkbox"/> FI Finland | <input checked="" type="checkbox"/> SK Slovakia |
| <input checked="" type="checkbox"/> GB United Kingdom | <input checked="" type="checkbox"/> SL Sierra Leone |
| <input checked="" type="checkbox"/> GE Georgia | <input checked="" type="checkbox"/> TJ Tajikistan |
| <input checked="" type="checkbox"/> GH Ghana | <input checked="" type="checkbox"/> TM Turkmenistan |
| <input checked="" type="checkbox"/> GM Gambia | <input checked="" type="checkbox"/> TR Turkey |
| <input checked="" type="checkbox"/> GW Guinea-Bissau | <input checked="" type="checkbox"/> TT Trinidad and Tobago |
| <input checked="" type="checkbox"/> HU Hungary | <input checked="" type="checkbox"/> UA Ukraine |
| <input checked="" type="checkbox"/> ID Indonesia | <input checked="" type="checkbox"/> UG Uganda |
| <input checked="" type="checkbox"/> IL Israel | <input checked="" type="checkbox"/> US United States of America |
| <input checked="" type="checkbox"/> IS Iceland | <input checked="" type="checkbox"/> UZ Uzbekistan |
| <input checked="" type="checkbox"/> JP Japan | <input checked="" type="checkbox"/> VN Viet Nam |
| <input checked="" type="checkbox"/> KE Kenya | <input checked="" type="checkbox"/> YU Yugoslavia |
| <input checked="" type="checkbox"/> KG Kyrgyzstan | <input checked="" type="checkbox"/> ZW Zimbabwe |
| <input checked="" type="checkbox"/> KP Democratic People's Republic of Korea | |
| <input checked="" type="checkbox"/> KR Republic of Korea | |
| <input checked="" type="checkbox"/> KZ Kazakhstan | |
| <input checked="" type="checkbox"/> LC Saint Lucia | |
| <input checked="" type="checkbox"/> LK Sri Lanka | |
| <input checked="" type="checkbox"/> LR Liberia | |
| <input checked="" type="checkbox"/> LS Lesotho | |

Check-boxes reserved for designating States (for the purposes of a national patent) which have become party to the PCT after issuance of this sheet:

- ☐
- ☐
- ☐

In addition to the designations made above, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except the designation(s) of

The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation of a designation consists of the filing of a notice specifying that designation and the payment of the designation and confirmation fees. Confirmation must reach the receiving Office within the 15-month time limit.)

Box No. VI PRIORITY CLAIMFurther priority claims are indicated in the Supplemental Box ☐

The priority of the following earlier application(s) is hereby claimed:

Country (in which, or for which, the application was filed)	Filing Date (day/month/year)	Application No.	Office of filing (only for regional or international application)
item (1)			
item (2)			
item (3)			

Mark the following check-box if the certified copy of the earlier application is to be issued by the Office which for the purposes of the present international application is the receiving Office (a fee may be required):

☐ The receiving Office is hereby requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):
Box No. VII INTERNATIONAL SEARCHING AUTHORITYChoice of International Searching Authority (ISA) (If two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used): ISA / EP

Earlier search Fill in where a search (international, international-type or other) by the International Searching Authority has already been carried out or requested and the Authority is now requested to base the international search, to the extent possible, on the results of that earlier search. Identify such search or request either by reference to the relevant application (or the translation thereof) or by reference to the search request:

Country (or regional Office):

Date (day/month/year):

Number:

Box No. VIII CHECK LIST

This international application contains the following number of sheets:

1. request : 04 sheets
 2. description : 57 sheets
 3. claims : 04 sheets
 4. abstract : 01 sheets
 5. drawings : 00 sheets

Total : 66 sheets

This international application is accompanied by the item(s) marked below:

1. ☐ separate signed power of attorney
 2. ☒ copy of general power of attorney
 3. ☐ statement explaining lack of signature
 4. ☐ priority document(s) identified in Box No. VI as item(s):
 5. ☒ fee calculation sheet
 6. ☐ separate indications concerning deposited microorganisms
 7. ☐ nucleotide and/or amino acid sequence listing (diskette)
 8. ☒ other (specify): postcard

Figure No. None of the drawings (if any) should accompany the abstract when it is published.**Box No. IX SIGNATURE OF APPLICANT OR AGENT**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).



T. David Reed

For receiving Office use only

(27.04.98)

1. Date of actual receipt of the purported international application:	Rec'd PCT/PTO 27 APR 1998	2. Drawings:
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:		<input type="checkbox"/> received:
4. Date of timely receipt of the required corrections under PCT Article 11(2):		<input type="checkbox"/> not received:
5. International Searching Authority specified by the applicant: <u>ISA/EP</u>	6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid	

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Date of receipt of the record copy by the International Bureau

POT/US 98/08127
RO/US 28 JUL 1999

PATENT COOPERATION TREATY
(Appointment of Agent or Common Representative)
POWER OF ATTORNEY

The undersigned applicant:

Bruno Albert Jean HUBESCH
Van Vlasselaerstraat 16
B-3061 Leefdaal
Belgium

hereby appoint:

Hasse, Donald E.
Reed, T. David
Hughett, Eileen L.

US Registration No.

29,387
32,931
34,352

as agents to act on his behalf, with full power of substitution, before the competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or the International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at BRUSSELS, BELGIUM

on this 4th day of June 1999

Signed _____


Rec'd PCT/PTO 27 APR 1998

PCT

FEE CALCULATION SHEET

Annex to the Request

For receiving Office use only

PCT/US 98/08127

International application No.

(27.04.98)

27 APR 1998

Applicant's or agent's
file reference

CM1715F/JH

Date stamp of the receiving Office

Applicant THE PROCTER & GAMBLE COMPANY

CALCULATION OF PRESCRIBED FEES

1. TRANSMITTAL FEE \$ 240 T

2. SEARCH FEE EP \$1,250 S

International search to be carried out by

(If two or more International Searching Authorities are competent in relation to the international application, indicate the name of the Authority which is chosen to carry out the international search.)

3. INTERNATIONAL FEE

Basic Fee

The international application contains 66 sheets.

first 30 sheets \$10 \$ 455 b₁

36 x 360 b₂

remaining sheets additional amount

Add amounts entered at b₁ and b₂ and enter total at B 815 B

Designation Fees

The international application contains 75 designations.

75 x \$105 = \$ - 0 - D

number of designation fees payable (maximum 11) amount of designation fee

NO DESIGNATION FEES
DUE AT THIS TIME

Add amounts entered at B and D and enter total at I 815 I

(Applicants from certain States are entitled to a reduction of 75% of the international fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 25% of the sum of the amounts entered at B and D.)

4. FEE FOR PRIORITY DOCUMENT -0- P

5. TOTAL FEES PAYABLE

Add amounts entered at T, S, I and P, and enter total in the TOTAL box

2305

TOTAL

☒ The designation fees are not paid at this time.

MODE OF PAYMENT

☒ authorization to charge
deposit account (see below)

☐ bank draft

☐ coupons

☐ cheque

☐ cash

☐ other (specify)

☐ postal money order

☐ revenue stamps

DEPOSIT ACCOUNT AUTHORIZATION (this mode of payment may not be available at all receiving Offices)

The RO/ ☒ is hereby authorized to charge the total fees indicated above to my deposit account.

☒ is hereby authorized to charge any deficiency or credit any overpayment in the total fees indicated above to my deposit account.

☒ is hereby authorized to charge the fee for preparation and transmittal of the priority document to the International Bureau of WIPO to my deposit account.

16-2485

Deposit Account Number

(27.04.98)
27 April 1998
Date (day/month/year)

Signature David Reed, 32931

PATENT COOPERATION TREATY
(Appointment of Agent or Common Representative)
POWER OF ATTORNEY

The undersigned applicant:

Christiaan Arthur Jacques Kamiel Thoen
Boekweithofstraat 4
9120 Haasdonk
BELGIUM

hereby appoint:

Hasse, Donald E.
Reed, T. David
Hughett, Eileen L.

US Registration No.
29,387
32,931
34,352

as agents to act on his/her behalf, with full power of substitution, before the competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or the International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Brussels

on this 18th day of April 1997

Signed

Christian Arthur Jacques Kamiel THOEN

CT/US 98/08127
RO/US 28 JUL 1998

PATENT COOPERATION TREATY
(Appointment of Agent or Common Representative)
POWER OF ATTORNEY

The undersigned applicant:

Christian Leo Marie Vermote
Hertooie 7
B-9052 Zwijnaarde
Belgium

(Complete name and address)

hereby appoint:

Hasse, Donald E.
Reed, T. David
Hughett, Eileen L.
Guffey, Timothy B.
Hiland, Emelyn L.

U.S. Registration No.
29,387
32,931
34,352
41,048
41,501

as agents to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international application filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Strombeek-Bever
on this 12th day of March 1998

x Christian Leo Marie Vermote
Christian Leo Marie Vermote

CT/US 98/08127
RO/US 28 JUL 1998

PATENT COOPERATION TREATY
(Appointment of Agent or Common Representative)
POWER OF ATTORNEY

The undersigned applicant:

Ricky Ah-Man Woo
6940 Van Gordon Road
Hamilton, Ohio 45011

(Complete name and address)

hereby appoints:

Hasse, Donald E.
Reed, T. David
Hughett, Eileen L.
Guffey, Timothy B.
Hiland, Emelyn L.

U.S. Registration No.
29,387
32,931
34,352
41,048
P41,501

as attorney/agent to act on behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at CINCINNATI, OH
on this 5 day of January 1998.


Ricky Ah-Man Woo

GENERAL POWER OF ATTORNEY

We, The Procter & Gamble Company
One Procter & Gamble Plaza
Cincinnati, Ohio 45202
United States of America

hereby appoint:

Hasse, Donald E.	29,387
Reed, T. David	32,931
Hughett, Eileen L.	34,352
Guffey, Timothy B.	41,048
Hiland, Emelyn L.	41,501

all of 5299 Spring Grove Avenue, Cincinnati, Ohio 45217, as agents with full power of substitution to act on our behalf before all competent international authorities in connection with any and all international applications filed by us with either The United States Patent and Trademark Office or the PCT International Bureau of WIPO as receiving office for international applications filed under the Patent Cooperation Treaty, and to make or receive payments on our behalf.

Signed in Hamilton County, State of Ohio, U.S.A., the 16 day of March, 1998.

THE PROCTER & GAMBLE COMPANY




Jacobus C. Rasser
Assistant Secretary

STATE OF OHIO)
) ss
COUNTY OF HAMILTON)

On this 16 day of March, 1998, personally appeared before me Jacobus C. Rasser, to me personally known, who executed the foregoing instrument in my presence and acknowledged the execution thereof as his free and voluntary act and deed for the uses and purposes therein set forth and expressed.





NOTARY PUBLIC
KAREN L. PFEIFFER
Notary Public, State of Ohio
My Commission Expires Sept. 15, 2002



European
Patent Office

EUROPEAN SEARCH REPORT

Application Number

EP 88 10 8206

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	US-A-2 740 727 (LITTLETON et al.) * Whole document *	1,5	D 06 M 13/16 D 06 M 15/53
X	EP-A-0 190 839 (VERY INCREDIBLE PRODUCTS) * Whole document *	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			D 06 M
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		23 July 91	HELLEMANS W.J.R.
<div>CATEGORY OF CITED DOCUMENTS</div> <div><div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention</div><div>E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</div></div>			

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 D06M15/643 D06M23/06 G01N33/36 G01N3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 D06M G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB,A,2 270 930 (AMWAY CORP) 30 March 1994 see page 2, line 19 - line 26 see page 8, line 31 - page 11, line 24; claims; examples ---	1-9
X	PATENT ABSTRACTS OF JAPAN vol. 014, no. 017 (C-675) 16 January 1990 & JP,A,01 260 064 (KAO CORP) 17 October 1989 see abstract ---	1-9
X	PATENT ABSTRACTS OF JAPAN vol. 014, no. 074 (C-0687) 13 February 1990 & JP,A,01 292 184 (KAO CORP) 24 November 1989 see abstract ---	1,2,9

-/-

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

15 April 1996

Date of mailing of the international search report

12-06-1996

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

BLAS, V

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO,A,91 19037 (PROCTER & GAMBLE) 12 December 1991 see page 2, line 32 - page 3, line 24 see page 4, line 11 - page 8, line 18; claims	1,2,9
A	--- WO,A,87 03682 (HOFFMANN STAERKEFABRIKEN AG) 18 June 1987 see the whole document	1-9
A	--- PATENT ABSTRACTS OF JAPAN vol. 017, no. 376 (C-1084) 15 July 1993 & JP,A,05 059 672 (KAO CORP) 9 March 1993 see abstract	1-9
P,X	--- PATENT ABSTRACTS OF JAPAN vol. 950, no. 005 & JP,A,07 119 044 (KAO CORP) 9 May 1995 see abstract -----	1-9

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB-A-2270930	30-03-94	CA-A- 2106173	24-03-94
		DE-A- 4331892	07-04-94
		JP-A- 6240575	30-08-94
		AU-B- 667233	14-03-96
		AU-B- 4736393	31-03-94

WO-A-9119037	12-12-91	US-A- 5064543	12-11-91
		US-A- 5062971	05-11-91
		US-A- 5336419	09-08-94
		AU-B- 8057691	31-12-91
		CN-A- 1059001	26-02-92
		EP-A- 0532671	24-03-93

WO-A-8703682	18-06-87	DE-A- 3542725	04-06-87
		AU-B- 598492	28-06-90
		AU-B- 6584886	04-06-87
		EP-A,B 0230565	05-08-87
		JP-T- 63502362	08-09-88
		US-A- 4818242	04-04-89

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 95/ 14033

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

See annex.

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-9

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/210

First subject (searched) : Claims 1 - 9

An article and its use for reducing wrinkles, the article
being : An article of manufacture comprising :

A) a wrinkle reducing composition comprising :

1) a wrinkle reducing active selected from the group
consisting of :

a) - effective amount of silicone

b) - effective amount of film forming polymer and

c) - mixtures thereof and

2) a liquid carrier

B) A spray dispensing device.

Second subject (not searched) : Claim 10

A process for determining acceptable wrinkle reducing
composition mixture.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference CM1715F/JH	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 98/08127	International filing date (day/month/year) 27/04/1998	(Earliest) Priority Date (day/month/year)
Applicant THE PROCTER & GAMBLE COMPANY et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of **4** sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ **Certain claims were found unsearchable** (see Box I).

2. ☐ **Unity of invention is lacking** (see Box II).

3. ☐ The international application contains disclosure of a **nucleotide and/or amino acid sequence listing** and the international search was carried out on the basis of the sequence listing

☐ filed with the international application.

☐ furnished by the applicant separately from the international application.

☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.

☐ Transcribed by this Authority

4. With regard to the **title**, ☒ the text is approved as submitted by the applicant

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this International Search Report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is:

Figure No. ☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 98/08127

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 D06M13/148 D06M11/13 D06M11/155 D06M11/56 D06M11/65
 D06M11/76 D06M11/82 D06M13/184 D06M15/03 D06M23/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 D06M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 573 695 A (TARGOSZ EUGENE F) 12 November 1996 see claims ---	1, 15, 20, 21
A	US 5 100 566 A (AGBOMEIRELE PATRICIA G ET AL) 31 March 1992 see column 1, line 55 - column 2, line 9 see claims ---	1, 15, 20, 21
A	US 3 674 688 A (PURCELL HAROLD K ET AL) 4 July 1972 see examples ---	1, 15, 20, 21
A	US 3 600 325 A (BROWN WILLIAM J ET AL) 17 August 1971 see the whole document ---	1, 15, 20, 21
-/--		

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

Special categories of cited documents

"A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier document but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search

7 January 1999

Date of mailing of the international search report

19/01/1999

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel (+31-70) 340-2040, Tx 31 651 epo nl.
 Fax: (+31-70) 340-3016

Authorized officer

Herrmann, J

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 98/08127

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication where appropriate, of the relevant passages	Relevant to claim No
A	GB 1 542 456 A (PROCTER & GAMBLE) 21 March 1979 see page 1, line 79 - page 4, line 74 ----	1,15,20, 21
A	EP 0 292 909 A (COLGATE PALMOLIVE CO) 30 November 1988 see claims ----	1,15,20, 21
A	EP 0 190 839 A (VERY INCREDIBLE PROD INC) 13 August 1986 see the whole document ----	1,15,20, 21
A	WO 96 15310 A (PROCTER & GAMBLE) 23 May 1996 see page 16, line 6 - page 17, line 8 ----	1,15,20, 21
A	US 3 436 772 A (STEBBINS DAVID T) 8 April 1969 see the whole document ----	1,15,20, 21
A	DATABASE WPI Section Ch, Week 9002 Derwent Publications Ltd., London, GB; Class A87, AN 90-011766 XP002089278 & JP 01 292184 A (KAO CORP) , 24 November 1989 see abstract ----	1,15,20, 21
A	DATABASE WPI Section Ch, Week 9527 Derwent Publications Ltd., London, GB; Class A87, AN 95-204482 XP002089279 & JP 07 119044 A (KAO CORP), 9 May 1995 see abstract ----	1,15,20, 21
A	DATABASE WPI Section Ch, Week 9524 Derwent Publications Ltd., London, GB; Class A87, AN 95-179566 XP002089312 & CN 1 083 139 A (LI X), 2 March 1994 see abstract ----	1,15,20, 21
A	DATABASE WPI Section Ch, Week 8932 Derwent Publications Ltd., London, GB; Class A87, AN 89-232532 XP002089335 & JP 01 168967 A (LION CORP), 4 July 1989 see abstract ----	1,15,20, 21

-/--

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 98/08127

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	<p> DATABASE WPI Section Ch. Week 8938 Derwent Publications Ltd., London, GB; Class A11, AN 89-275299 XP002089336 & JP 01 201579 A (OSAKA AEROSOL KOGYO KK) , 14 August 1989 see abstract ----- </p>	<p>1, 15, 20, 21</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 98/08127

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5573695	A	12-11-1996	CA 2187468 A	20-06-1997
US 5100566	A	31-03-1992	CA 2060141 A JP 4316671 A	05-08-1992 09-11-1992
US 3674688	A	04-07-1972	NONE	
US 3600325	A	17-08-1971	NONE	
GB 1542456	A	21-03-1979	BE 841479 A DE 2618631 A FR 2310441 A NL 7604777 A	05-11-1976 16-12-1976 03-12-1976 09-11-1976
EP 0292909	A	30-11-1988	US 4806254 A CA 1322826 A JP 1006174 A	21-02-1989 12-10-1993 10-01-1989
EP 0190839	A	13-08-1986	AU 5254786 A JP 61174473 A	07-08-1986 06-08-1986
WO 9615310	A	23-05-1996	BR 9509716 A EP 0791096 A JP 10508912 T US 5798107 A ZA 9509558 A	21-10-1997 27-08-1997 02-09-1998 25-08-1998 05-06-1996
US 3436772	A	08-04-1969	NONE	